

Leavings, Shela

From: Leavings, Shela
Sent: Wednesday, July 18, 2012 7:59 AM
To: Camilla Widenhofer
Subject: BP FOP O1541

Follow Up Flag: Follow up
Flag Status: Red

Attachments: Refinery.zip



Refinery.zip (2 MB)

PS3
Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
Martin A. Hubert, *Commissioner*
Glenn Shankle, *Executive Director*



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Mr. Ruben Herrera
Spring Janke
Betsy Pierce
Janae Davis

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 13, 2006

Mr. Ruben Herrera, P.E.
Environmental Contact
BP Products North America, Inc.
P.O. Box 401
Texas City, Texas 77592

Re: Permit Renewal
Permit Numbers: 19599 and PSD-TX-023
Pipestill Nos. 3A and 3B
Texas City, Galveston County
Regulated Entity Number: RN102535077
Customer Reference Number: CN600866800
Account Number: GB-0004-L

Dear Mr. Herrera:

This is in response to your application Form PI-1R (General Application for Air Permit Renewals) concerning the proposed renewal of Permit Number 19599. As indicated in Title 30 Texas Administrative Code § 116.314(a), and based on our review, your permit is hereby renewed. Enclosed is a permit for your facility. Also enclosed are new special conditions and a maximum allowable emission rates table. We appreciate your careful review of the special conditions of the permit and assuring that all requirements are consistently met. This permit will be in effect for ten years from the date of approval (Commission's final decision). If this permit is appealed and the permittee does not commence any action authorized by this permit during judicial review, the term will not begin until judicial review is concluded.

You may file a **motion to overturn** with the Chief Clerk. A motion to overturn is a request for the commission to review the Texas Commission on Environmental Quality (TCEQ) Executive Director's approval of the application. Any motion must explain why the commission should review the TCEQ Executive Director's action.

A motion to overturn must be received by the chief clerk within 23 days after the date of this letter. An original and 11 copies of a motion must be filed with the chief clerk in person or by mail. The Chief Clerk's mailing address is Office of the Chief Clerk (MC-105), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. On the same day the motion is transmitted to the chief clerk, please provide copies to Mr. Robert Martinez, Director, Environmental Law Division (MC-173), and Mr. Blas J. Coy, Jr., Public Interest Counsel (MC-103), both at the same TCEQ address above. If a motion is not acted on by the commission within 45 days after the date of this letter, then the motion shall be deemed overruled.

Mr. Ruben Herrera, P.E.

Page 2

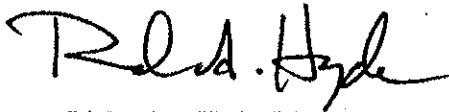
November 13, 2006

Re: Permit Numbers 19599 and PSD-TX-023

Thank you for your cooperation in sending us the information necessary to evaluate your operations and for your commitment to air pollution control. If you need further information or have any questions, please contact Mr. Stephen E. Anderson, P.E., at (512) 239-1287 or write to the Texas Commission on Environmental Quality, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-163), P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,

A handwritten signature in black ink, appearing to read "R.A. Hyde". The signature is fluid and cursive, with the first name "Richard" and last name "Hyde" clearly distinguishable.

Richard A. Hyde, P.E., Director
Air Permits Division
Office of Permitting, Remediation, and Registration
Texas Commission on Environmental Quality

RAH/SEA/def

Enclosures

cc: Mr. Ron Schultz, Director, Pollution Control Division, Galveston County Health District, La Marque
Air Section Manager, Region 12 - Houston

Project Number: 118536



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY AIR QUALITY PERMIT



A PERMIT IS HEREBY ISSUED TO
BP Products North America, Inc.
AUTHORIZING THE CONTINUED OPERATION OF
Pipestill Nos. 3A and 3B
LOCATED AT Texas City, Galveston County, Texas
LATITUDE 29° 22' 24" LONGITUDE 094° 55' 15"

1. **Facilities covered by this permit** shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code § 116.116 (30 TAC § 116.116)]
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120(a), (b) and (c)]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify to the Office of Permitting, Remediation, and Registration the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]
6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)]
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with §§ 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC § 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. This permit may be appealed pursuant to 30 TAC § 50.139.
12. This permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
13. There may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
14. Emissions from this facility must not cause or contribute to a condition of "air pollution" as defined in TCAA § 382.003(3) or violate TCAA § 382.085, as codified in the Texas Health and Safety Code. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.

PERMIT'S 19599 and PSD-TX-023

Date: November 13, 2006


For the Commission

SPECIAL CONDITIONS

Permit Numbers 19599 and PSD-TX-023

EMISSION STANDARDS

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates" and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.
2. The feed rate to Pipe Still No. 3 shall not exceed 500,000 barrels per calendar day. A record of feed rate (daily throughput in barrels) to Pipe Still No. 3 shall be kept on a rolling two-year basis and made available to the Texas Commission on Environmental Quality (TCEQ) Executive Director or his designated representatives upon request.
3. The GOF Heater designated as Emission Point No. (EPN) 55 shall be fired at a maximum duty of 185.2 MMBtu/hr. A record of the daily average firing rate (in MMBtu/hr) for GOF Heater 103-B shall be kept on a rolling two-year basis and made readily available to the TCEQ Executive Director or his designated representatives upon request. **(PSD)**
4. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) Regulations on Standards of Performance for New Stationary Sources promulgated for Petroleum Refineries in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A and J.
5. These facilities shall comply with the applicable requirements of Title 30 Texas Administrative Code (30 TAC) § 113.340, including the referenced requirements contained in 40 CFR Part 63, Subpart CC.
6. The cooling tower water authorized in this permit shall be monitored monthly for VOC leakage from heat exchangers in accordance with the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or another air stripping method approved by the TCEQ Executive Director. The results of the monitoring and maintenance activities required by this special condition shall be kept on a rolling two-year basis and made available to the TCEQ Executive Director or his designated representatives upon request.

INITIAL DETERMINATION OF COMPLIANCE

7. Upon request of the TCEQ Executive Director, the holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the Vacuum Tower Heater 402-BE (EPN 45) and upon installation of low-NO_x technology, from the GOF Heater 103-B (EPN 55). The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. **(PSD)**

SPECIAL CONDITIONS

Permit Numbers 19599 and PSD-TX-023

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- A. The TCEQ Houston Regional Office shall be contacted as soon as testing is scheduled but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method of procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in this permit or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director or the TCEQ Manager of the Compliance Support Division in Austin shall approve or disapprove of any deviation from specified sampling procedures.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Permitting, Remediation, and Registration, Air Permits Division. Test waivers and alternate or equivalent procedure proposals for New Source Performance Standards (NSPS) testing, which must have EPA approval, shall be submitted to the TCEQ Compliance Support Division in Austin.

- B. Air contaminants emitted from the Vacuum Tower Heater 402-BE (EPN 45) to be tested for include (but are not limited to): NO_x and particulate matter (PM). All PM will be considered to be PM less than 10 microns in diameter (PM_{10}) unless sampling demonstrated otherwise.

Air contaminants emitted from the GOF Heater 103-B to be tested for include (but are not limited to) NO_x , carbon monoxide, and PM_{10} . The PM_{10} shall be sampled using EPA Method 5, but including both front and back halves of the sampling train, and all PM is considered to be PM_{10} unless sampling demonstrated otherwise.

- C. Sampling shall occur within 60 days after initial start-up of the facilities and at such other times as may be required by the Executive Director of the TCEQ. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office.

SPECIAL CONDITIONS

Permit Numbers 19599 and PSD-TX-023

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Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires EPA approval and requests shall be submitted to the TCEQ Compliance Support Division in Austin.

- D. The heater shall operate at maximum firing rates during stack emission testing. Primary operating parameters that enable determination of the firing rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the heater is unable to operate at maximum rates during testing, then future firing rates may be limited to the rates established during testing. Additional stack testing may be required when higher firing rates are achieved.
- E. Sampling reports shall comply with the attached conditions of Chapter 14 of the TCEQ Sampling Procedures Manual. Copies of the final sampling report shall be forwarded to the following within 60 days after sampling is completed:

One copy to the TCEQ Houston Regional Office,
One copy to the Galveston County Health District,
One copy to the TCEQ Compliance Support Division in Austin

PROCESS FUGITIVE MONITORING REQUIREMENTS

- 8. Piping, Valves, Connectors, Pumps, and Compressors in Volatile Organic Compounds (VOC) Service - 28RCT
 - A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure equal to or less than 0.044 pounds per square inch, absolute (psia) at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list to be made available upon request.
 - B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
 - C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical.

SPECIAL CONDITIONS

Permit Numbers 19599 and PSD-TX-023

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- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Non-accessible valves, as defined by 30 TAC Chapter 115, shall be identified in a list to be made available upon request.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. No later than the next scheduled quarterly monitoring after initial installation or replacement, all new or reworked connections shall be gas-tested or hydraulically-tested at no less than normal operating pressure and adjustments made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve. Except during sampling, the second valve shall be closed.

- F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

An approved gas analyzer shall conform to requirements listed in 40 CFR § 60.485(a) - (b).

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

- G. Except as may be provided for in the special conditions of this permit, all pump and compressor seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

SPECIAL CONDITIONS

Permit Numbers 19599 and PSD-TX-023

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- H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump and compressor seals found to be emitting VOC in excess of 10,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired.
 - I. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging. At the discretion of the TCEQ Executive Director or designated representative, early unit shutdown or other appropriate action may be required based on the number and severity of tagged leaks awaiting shutdown.
 - J. The results of the required fugitive instrument monitoring and maintenance program shall be made available to the TCEQ Executive Director or designated representative upon request. Records shall indicate appropriate dates, test methods, instrument readings, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of physical inspections are not required unless a leak is detected.
 - K. Fugitive emission monitoring required by 30 TAC Chapter 115 may be used in lieu of Items F through I of this condition.
 - L. Compliance with the requirements of this condition does not assure compliance with requirements of an applicable NSPS or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAP) and does not constitute approval of alternative standards for these regulations.
9. Components which contact a process fluid that contains less than 10 percent VOC by weight are exempt from Special Condition No. 8 requirements.

Dated November 13, 2006

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19599 and PSD-TX-023

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|----------------------|-----------------------------|------------------|--------|
| | | | lb/hr | TPY** |
| 41 | 401BA | CO | 11.60 | 42.30 |
| | | NO _x | 37.00 | 135.00 |
| | | PM ₁₀ | 1.50 | 5.30 |
| | | SO ₂ | 7.80 | 28.40 |
| | | VOC | 0.40 | 1.50 |
| 42 | 401BB | CO | 11.60 | 42.30 |
| | | NO _x | 37.00 | 135.00 |
| | | PM ₁₀ | 1.50 | 5.30 |
| | | SO ₂ | 7.80 | 28.40 |
| | | VOC | 0.40 | 1.50 |
| 43A | 402 (BE, BF, and BG) | CO | 22.54 | 98.72 |
| | | NO _x | 19.06 | 38.96 |
| | | PM ₁₀ | 2.37 | 10.37 |
| | | SO ₂ | 8.38 | 36.69 |
| | | VOC | 1.71 | 7.50 |
| 44 | 401-BC | CO | 1.40 | 5.00 |
| | | NO _x | 29.00 | 106.00 |
| | | PM ₁₀ | 1.40 | 5.00 |
| | | SO ₂ | 3.60 | 13.00 |
| | | VOC | 0.30 | 1.00 |
| 45 | 402-BE | CO | 4.20 | 15.40 |
| | | NO _x | 13.50 | 48.90 |
| | | PM ₁₀ | 1.40 | 6.50 |
| | | SO ₂ | 2.70 | 10.10 |
| | | VOC | 0.20 | 0.70 |
| 46 | Oil Water Separator | VOC | 5.80 | 25.00 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|---|-----------------------------|------------------|--------|
| | | | lb/hr | TPY** |
| 47 | Oil Water Separator | VOC | 0.90 | 4.00 |
| 51 | 101-BA/BB | CO | 29.90 | 109.00 |
| | | NO _x | 47.62 | 173.80 |
| | | PM ₁₀ (5) | 3.70 | 13.60 |
| | | SO ₂ (5) | 20.10 | 73.30 |
| | | VOC | 1.00 | 3.80 |
| 53 | 102-BA/BB | CO | 22.90 | 83.60 |
| | | NO _x | 18.20 | 66.40 |
| | | PM ₁₀ (5) | 1.40 | 5.20 |
| | | SO ₂ (5) | 7.70 | 28.00 |
| | | VOC | 0.80 | 3.00 |
| 55 | 103-B | CO | 5.65 | 24.72 |
| | | NO _x | 15.80 | 65.70 |
| | | PM ₁₀ (5) | 2.42 | 10.61 |
| | | SO ₂ (5) | 3.80 | 16.62 |
| | | VOC | 0.20 | 0.87 |
| 56 | Oil Water Separator | VOC | 4.40 | 19.00 |
| 417 | Cooling Tower | VOC | 1.26 | 5.52 |
| F-40 | Process Fugitives Pipestill No. 3A (4) | H ₂ S | 0.34 | 1.47 |
| | | VOC | 26.56 | 116.35 |
| F-50 | Process Fugitives Pipestill No. 3B (4) | H ₂ S | 0.28 | 1.24 |
| | | VOC | 22.31 | 97.72 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification - specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only and not be considered as a maximum allowable emission rate.
- (5) PSD-TX-023 pollutant

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

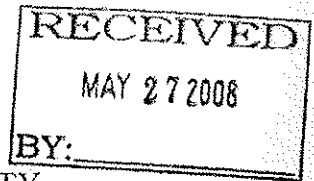
** Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 15, 2006

Buddy Garcia, *Chairman*
Larry R. Soward, *Commissioner*
Bryan W. Shaw, Ph.D., *Commissioner*
Glenn Shankle, *Executive Director*



PS3 MRT



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 19, 2008

MS KATHERINE GARDNER
ENVIRONMENTAL MANAGER
BP PRODUCTS NORTH AMERICA INC
PO BOX 401
TEXAS CITY TX 77592-0401

Re: Permit Amendment
Permit Numbers: 19599 and PSD-TX-023
Pipestill 3B and Heater 401BC
Texas City, Galveston County
Regulated Entity Number: RN102535077
Customer Reference Number: CN600866800
Account Number: GB-0004-L

Dear Ms. Gardner:

This is in response to your letter received November 16, 2007, and your Form PL-1 (General Application for Air Preconstruction Permits and Amendments) concerning the proposed amendment to Permit Numbers 19599 and PSD-TX-023. We understand that you propose to update the authorized emissions from Emission Point No. (EPN) 44 and to consolidate emissions now authorized at EPNs 43A and 45 into EPN 43A. Also, this will acknowledge that your application for the above-referenced permit is technically complete as of February 25, 2008.

As indicated in Title 30 Texas Administrative Code §§ 116.116(b) and 116.160 [30 TAC §§ 116.116(b) and 116.160], and based on our review, Permit Number 19599 is hereby amended and PSD-TX-023 is modified. This information will be incorporated into the existing permit files. Enclosed is a revised maximum allowable emission rates table to replace that currently attached to your permit. We appreciate your continuing careful review of the special conditions of the permit and assuring that all requirements are consistently met.

No planned maintenance, start-up, and shutdown emissions have been reviewed or represented in this application and none are authorized by this permit.

Ms. Katherine Gardner
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May 19, 2008

Re: Permit Numbers 19599 and PSD-TX-023

As of July 1, 2008, all analytical data generated by a mobile or stationary laboratory in support of compliance with air permits must be obtained from a NELAC (National Environmental Laboratory Accreditation Conference) accredited laboratory under the Texas Laboratory Accreditation Program or meet one of several exemptions. Specific information concerning which laboratories must be accredited and which are exempt may be found in 30 TAC §§ 25.4 and 25.6.

For additional information regarding the laboratory accreditation program and a list of accredited laboratories and their fields of accreditation, please see the following website:

http://www.tceq.state.tx.us/compliance/compliance_support/qa/env_lab_accreditation.html

For questions regarding the accreditation program, you may contact the Texas Laboratory Accreditation Program at (512) 239-3754 or by e-mail at labprgms@tceq.state.tx.us.

You may file a **motion to overturn** with the Chief Clerk. A motion to overturn is a request for the commission to review the Texas Commission on Environmental Quality (TCEQ) Executive Director's approval of the application. Any motion must explain why the commission should review the TCEQ Executive Director's action.

A motion to overturn must be received by the Chief Clerk within 23 days after the date of this letter. An original and 11 copies of a motion must be filed with the Chief Clerk in person or by mail. The Chief Clerk's mailing address is Office of the Chief Clerk (MC-105), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. On the same day the motion is transmitted to the Chief Clerk, please provide copies to Mr. Robert Martinez, Director, Environmental Law Division (MC-173), and Mr. Blas J. Coy, Jr., Public Interest Counsel (MC-103), both at the same TCEQ address above. If a motion is not acted on by the commission within 45 days after the date of this letter, then the motion shall be deemed overruled.

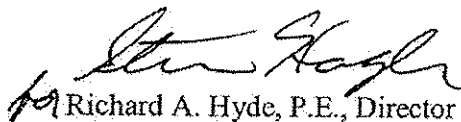
Your cooperation in this matter is appreciated. If you need further information or have any questions, please contact Mr. Ramiro Cruz, P.E., at (512) 239-1302 or write to the Texas Commission on Environmental Quality, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-163), P.O. Box 13087, Austin, Texas 78711-3087.

Ms. Katherine Gardner
Page 3
May 19, 2008

Re: Permit Numbers 19599 and PSD-TX-023

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Richard A. Hyde, P.E., Director
Air Permits Division
Office of Permitting, Remediation, and Registration
Texas Commission on Environmental Quality

RAH/RC/bvg

Enclosure

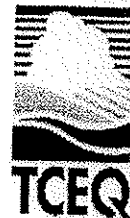
cc: Director, Pollution Control Division, Galveston County Health District, La Marque
Air Section Manager, Region 12 - Houston
Air Permits Section Chief, New Source Review, Section (6PD-R), Environmental
Protection Agency, Region 6, Dallas

Project Number: 134249



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY AIR QUALITY PERMIT - GENERAL CONDITIONS

AND PERTINENT RULES EFFECTIVE FOR PERMITS ISSUED
OR AMENDED ON OR AFTER AUGUST 16, 1994



1. **Facilities covered by this permit** shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code § 116.116 (30 TAC § 116.116)]
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant a 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, air netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10% of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120(a), (b) and (c)]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify to the Office of Permitting, Remediation, and Registration the source or sources of allowances to be utilized for compliance with Chapter 10, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]
6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, record shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources - Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)]
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with §§ 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC § 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition are applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. This permit may be appealed pursuant to 30 TAC § 50.139.
12. This permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(c)]
13. There may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
14. **Emissions from this facility** must not cause or contribute to a condition of "air pollution" as defined in TCAA § 382.003(3) or violate TCAA § 382.085, as codified in the Texas Health and Safety Code. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19599 and PSD-TX-023

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|---|-----------------------------|------------------|--------|
| | | | lb/hr | TPY** |
| 41 | 401BA | CO | 11.60 | 42.30 |
| | | NO _x | 37.00 | 135.00 |
| | | PM ₁₀ | 1.50 | 5.30 |
| | | SO ₂ | 7.80 | 28.40 |
| | | VOC | 0.40 | 1.50 |
| 42 | 401BB | CO | 11.60 | 42.30 |
| | | NO _x | 37.00 | 135.00 |
| | | PM ₁₀ | 1.50 | 5.30 |
| | | SO ₂ | 7.80 | 28.40 |
| | | VOC | 0.40 | 1.50 |
| 43A | PS3B Heaters 402BE, 402BF, and 402BG | CO | 26.74 | 114.12 |
| | | NO _x | 32.56 | 87.86 |
| | | PM ₁₀ | 3.77 | 16.87 |
| | | SO ₂ | 11.08 | 46.79 |
| | | VOC | 1.91 | 8.20 |
| 44 | PS3B Heater 401BC (6) | CO | 23.68 | 84.27 |
| | | NO _x | 11.20 | 39.86 |
| | | PM ₁₀ | 2.29 | 9.62 |
| | | SO ₂ | 8.11 | 34.10 |
| | | VOC | 1.66 | 6.96 |
| 46 | Oil Water Separator | VOC | 5.80 | 25.00 |
| 47 | Oil Water Separator | VOC | 0.90 | 4.00 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|---|-----------------------------|------------------|--------|
| | | | lb/hr | TPY** |
| 51 | 101-BA/BB | CO | 29.90 | 109.00 |
| | | NO _x | 47.62 | 173.80 |
| | | PM ₁₀ (5) | 3.70 | 13.60 |
| | | SO ₂ (5) | 20.10 | 73.30 |
| | | VOC | 1.00 | 3.80 |
| 53 | 102-BA/BB | CO | 22.90 | 83.60 |
| | | NO _x | 18.20 | 66.40 |
| | | PM ₁₀ (5) | 1.40 | 5.20 |
| | | SO ₂ (5) | 7.70 | 28.00 |
| | | VOC | 0.80 | 3.00 |
| 55 | 103-B | CO | 5.65 | 24.72 |
| | | NO _x | 15.80 | 65.70 |
| | | PM ₁₀ (5) | 2.42 | 10.61 |
| | | SO ₂ (5) | 3.80 | 16.62 |
| | | VOC | 0.20 | 0.87 |
| 56 | Oil Water Separator | VOC | 4.40 | 19.00 |
| 417 | Cooling Tower | VOC | 1.26 | 5.52 |
| F-40 | Process Fugitives Pipestill No. 3A (4) | H ₂ S | 0.34 | 1.47 |
| | | VOC | 26.56 | 116.35 |
| F-50 | Process Fugitives Pipestill No. 3B (4) | H ₂ S | 0.28 | 1.24 |
| | | VOC | 22.31 | 97.72 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) CO - carbon monoxide
- H₂S - hydrogen sulfide
- NO_x - total oxides of nitrogen
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- SO₂ - sulfur dioxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only and not be considered as a maximum allowable emission rate.
- (5) PSD-TX-023 pollutant
- (6) Includes emissions authorized under Standard Permit (SP) Registration Number 81757. The SP Number 81757 has been consolidated by reference into Permit Number 19599, and no best available control technology review has been done for it. The emission increases, however, satisfied effects review.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated May 19, 200